



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. MBHB 00-167-C)

#1110
6/13/03

In re Application of:

Carl Werner et al.

Serial No.: 09/742,250 ✓

Filed: December 20, 2000

For: Apparatus and Method for Improving
Resolution of a Current Mode Driver

Art Unit: 2819

Examiner: L. Nguyen

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

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RESPONSE AND AMENDMENT

Dear Sir:

In response to the Office Action dated December 4, 2002, please enter the following amendments and consider the following remarks.

AMENDMENT

In the Claims:

Please amend claims 1 and 11 as follows:

1. (Twice Amended) A method for improving resolution of a current mode driver, where the current mode driver is operable to provide an output that falls within a predetermined range, the method comprising the steps of:

sensing at least one of a process condition, a voltage condition and a temperature condition with a PVT detector;

adjusting a full scale current of a DAC in accordance with an output of the PVT detector; and

setting a current control signal based on an output of the DAC, the current control signal being applied to the current mode driver to improve resolution of the current mode driver.

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